

**A METHOD AND SYSTEM FOR IMPROVING PRESENTATION
OF HTML PAGES IN WEB DEVICES**

Abstract

A method and system are disclosed for allowing a device using a Web browser unable to support CSS, to request through a network and display Web HTML pages including CSS while using all the presentation features of the included CSS that it can support through the network, said method comprising the steps of: receiving a request from the device for obtaining a Web HTML page; identifying the requesting device, aggregating all the device and network display possibility information, and suppressing the contradictory information, the network display possibilities being of the highest priority, the result forming a Request rule list; retrieving the requested Web page from a Web server; aggregating all the CSS presentation definitions of the Web page while suppressing the conflicting ones in a resulting CSS rule list; modifying the statements of the HTML page which are not related to CSS, reflecting the CSS rule list while taking into account the device and network possibilities as stated in the Request rule list; transmitting to the device the HTML page comprising the modified statements. The method is executed on a network component which may be a proxy server or a router with computing capabilities.

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Fig. 3